

IN THE CLAIMS:

Please amend the following claims:

1. (Amended) An electroluminescent material which emits light in the ultra-violet region of the spectrum which comprises an organic metallic complex of at least one selected from the group consisting of a transition metal, a lanthanide and an actinide and a polyamine ligand.

2. (Amended) An electroluminescent material as claimed in claim 1 comprising gadolinium in the III state and a polyamine ligand.

3. (Amended) An electroluminescent material as claimed in claim 1 wherein the ligand is selected from the group consisting of ethylene diamine tetramine, DCTA, DTPA and TTHA.

4. (Amended) An electroluminescent material as claimed in claim 25 in which the complex is in the form of a salt.

6. (Amended) An electroluminescent material as claimed in claim 4 in which the salt is selected from the group consisting of transition metal, lanthanide and actinide salt.

7. (Amended) An electroluminescent material as claimed in claim 4 in which the salt has a formula $\text{Ln}^*[\text{Ln}(\text{EDTA})]_3$ and wherein Ln and Ln^* are the same or different and are selected from the group consisting of transition metals, lanthanides and actinides.

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8. (Amended) An electroluminescent material as claimed in claim 7 in which Ln and Ln* are selected from the group consisting of Gd, Sm, Eu, Tb and Dy.

9. (Amended) An electroluminescent material as claimed in claim 1 wherein the complex is Gd[Eu(EDTA)]₃.

10. (Amended) An electroluminescent device which comprises sequentially (i) a first electrode comprising a transparent conductive substrate (ii) a layer of a hole transmitting material (iii) a layer of an electroluminescent material which emits light in the ultra-violet region of the spectrum and which comprises an organic metallic complex of a transition metal, lanthanide or actinide and a polyamine ligand and (iv) a layer of an electron transmitting material and (v) a metal electrode.

11. (Amended) An electroluminescent device as claimed in claim 10 in which the transparent substrate is a conductive glass or plastic material which acts as the anode.

Please cancel claim 12.

13. (Amended) An electroluminescent device as claimed in claim 10 in which there is a hole transporting material mixed with the electroluminescent material in a ratio of 5 to 95% of the electroluminescent material to 95 to 5% of the hole transporting material.

14. (Amended) An electroluminescent device as claimed in claim 10 in which the hole transporting material is an aromatic amine complex.

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(Amended) An electroluminescent device as claimed in claim 10 in which the hole sporting material is selected from the group consisting of poly(vinylcarbazole), N,N'-biphenyl-N,N'-bis (3-methylphenyl)-1,1'-biphenyl-4,4'-diamine (TPD) and polyaniline.

se cancel claims 16 and 17.

(Amended) An electroluminescent device as claimed in claim 10 in which an electron cting material is mixed with the electroluminescent material and co-deposited with it.

(Amended) An electroluminescent device as claimed in claim 18 in which the electron cting material is selected from the group consisting of a metal complex oxadiazole and an diazole derivative.

(Amended) An electroluminescent device as claimed in claim 19 in which the electron cting material is selected from the group consisting of an aluminum quinolate and 2-(4-phenyl)-5-(4-tert-butylphenyl)-1,3,4 oxadiazole.

(Amended) An electroluminescent device as claimed in claim 11 in which the anode is cted from the group consisting of aluminum alloy, magnesium alloy, lithium alloy, calcium y and magnesium silver alloy.

se cancel claim 23.

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24. (Amended) An electroluminescent device as claimed in claim 10 in which there is at least one layer which incorporates a dye which fluoresces in ultra-violet light to give emitted light in the colour spectrum.

Please add the following claims:

25. (New) An electroluminescent material as claimed in claim 1 wherein the organic metallic complex comprises gadolinium in the III state and a ligand selected from the group consisting of ethylene diamine tetramine, DCTA, DTPA and TTHA.

26. (New) An electroluminescent device as claimed in claim 10 in which the electroluminescent material is an organic metallic complex of gadolinium in the III state.

27. (New) An electroluminescent device as claimed in claim 10 in which the ligand is selected from the group consisting of ethylene diamine tetramine, DCTA, DTPA and TTHA.

28. (New) An electroluminescent device as claimed in claim 10 wherein the complex comprises gadolinium in the III state and ligand is selected from the group consisting of ethylene diamine tetramine, DCTA, DTPA and TTHA.

29. (New) An electroluminescent device as claimed in claim 28 in which the complex is in the form of a salt.

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30. (New) An electroluminescent device as claimed in claim 28 in which the complex is in the form of an alkali metal salt.

31. (New) An electroluminescent device as claimed in claim 29 in which the salt is a salt of at least one selected from the group consisting of transition metal, lanthanide and actinide.

32. (New) An electroluminescent device as claimed in claim 10 in which the electroluminescent material is in the form of the salt of formula $\text{Ln}^*[\text{Ln}(\text{EDTA})]_3$, where Ln and Ln^* are the same or different and are selected from the group consisting of transition metals, lanthanides and actinides.

33. (New) An electroluminescent device as claimed in claim 32 in which Ln and Ln^* are selected from the group consisting of Gd, Sm, Eu, Tb and Dy.

34. (New) An electroluminescent device as claimed in claim 10 in which the metal complex is $\text{Gd}[\text{Eu}(\text{EDTA})]_3$.